

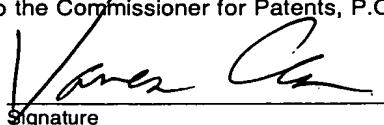
JC06 Rec'd PCT/PTO 30 SEP 2005

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NO.: I431.131.101/FIN 421 PCT/US
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown <b>10/551745</b>
INTERNATIONAL APPLICATION NO.: PCT/DE2004/000668	INTERNATIONAL FILING DATE: 31 March 2004	PRIORITY DATE CLAIMED: 01 April 2003
TITLE OF INVENTION: <b>METHOD FOR THE MULTI-STAGE PRODUCTION OF DIFFUSION SOLDERED CONNECTIONS FOR POWER COMPONENTS COMPRISING SEMICONDUCTOR CHIPS</b>		
APPLICANT(S) FOR DO/EO/US: LAST, first; Riedl, Edmund		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ol style="list-style-type: none"><li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li><input type="checkbox"/> has been communicated by the International Bureau.</li><li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol> <p>6. <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ol style="list-style-type: none"><li><input type="checkbox"/> is attached hereto.</li><li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ol style="list-style-type: none"><li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li><input type="checkbox"/> have been communicated by the International Bureau.</li><li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li><input type="checkbox"/> have not been made and will not be made.</li></ol> <p>8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV365586574US. Date of Deposit: September 30, 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vanessa Carels  
Name of Person Making Deposit

  
Signature

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown <b>10/551745</b>	INTERNATIONAL APPLICATION NO.: PCT/DE2004/000668	ATTORNEY'S DOCKET NO.: I431.131.101/FIN 421 PCT	
21. The following fees are submitted:		<b>Applicant Use</b> <b>Office Use Only</b>	
<input checked="" type="checkbox"/> a) Basic National Fee .....\$300.00		\$300.00	
<input type="checkbox"/> b) Examination Fee .....\$200.00		\$200.00	
<input type="checkbox"/> c) Search Fee .....\$500.00		\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	
-100 =	/50 =	x \$250.00	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	-20 =		x \$50.00
Independent Claims	-3 =		x \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	\$
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	<b>\$1000.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$	
		<b>SUBTOTAL =</b>	<b>\$1000.00</b>
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$	
		<b>TOTAL NATIONAL FEE =</b>	<b>\$1000.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +		\$	
		<b>TOTAL FEES ENCLOSED =</b>	<b>\$1000.00</b>
		Amount to be refunded:	\$
		Amount to be charged:	<b>\$1000.00</b>
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 500471 in the amount of <b>\$1,000.00</b> to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500471. A duplicate copy of this sheet is attached.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
SEND ALL CORRESPONDENCE TO:			
Customer No. 025281 <b>STEVEN E. DICKE</b> DICKE, BILLIG & CZAJA, PLLC 100 SOUTH FIFTH STREET SUITE 2250 MINNEAPOLIS, MN 55402			
 Signature <hr/> <u>Steven E. Dicke</u> Name <hr/> 38.431 Registration Number			